

To: The House Committee on Commerce  
 Re: Senate Bill 0371 (2005)  
 Tool and Die Recovery Zone;  
 Amend Sec 8d of 1996 PA 376 (MCL 125.2688d)

February 28, 2006

The Tool and Die Maker	The Industrial Pattern Maker
Services the Automotive Industry, Aircraft Industry, Agriculture Industry and Consumer Durable Goods	Services the Automotive Industry, Aircraft Industry, Agriculture Industry and Consumer Durable Goods
Produces tools, dies, and special holding devices used in the Injection Molding Operations and Metal Stamping Operations	Produces metal and plastic core boxes and patterns used in Casting Operations in Metal Foundries
Does not manufacture a commodity product or keep inventory; Must wait for demand from customer	Does not manufacture a commodity product or keep inventory; Must wait for demand from customer
Utilizes a customer supplied product model - Computer Generated or Tangible Model	Utilizes a customer supplied product model - Computer Generated or Tangible Model
Develops CAD Models	Develops CAD Models
Works from blueprint or CAD Files to design product	Works from blueprint or CAD Files to design product
Must develop, design and produce the tool or die	Must develop, design and produce the tool or pattern
Uses 3D Machining Software, Uses a variety of machinery including 2D and 3D CNC Machines, Mills and Lathes	Uses 3D Machining Software, Uses a variety of machinery including 2D and 3D CNC Machines, Mills and Lathes
A mold is injected with plastic material to form desired shape; A die forms metal into desired shape	A core box makes the core of the desired casting, Patterns create the outside surface of the desired casting